

# WELCOME



## Proposed Airborne Toxic Control Measure to Limit Commercial Heavy-Duty, Diesel-Fueled Vehicle Idling

Public Workshop  
April 28, 2004

Air Resources Board



California Environmental Protection Agency

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## Agenda

- Proposed ATCM
- Vehicle Inventory
- Emissions Benefits
- Costs Benefits
- Enforcement
- Timing
- Discussion



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## Vehicle Inventory / Emissions

EMFAC2002 v2.2

	<u>2005</u>	<u>2009</u>
Heavy Heavy-Duty	179,838	196,534
Medium Heavy-Duty	177,598	195,767
Light Heavy-Duty-2	36,263	37,963
Buses	<u>15,562</u>	<u>16,816</u>
Total	409,261	447,080

Unregulated idling emissions:

- 450 T/Y PM
- 21,700 T/Y NOx

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## Draft ATCM



### Applicability

- All commercial diesel-powered vehicles operating in California with GVWR > 10,000 lbs
- Will also apply to out-of-state and out-of-country vehicles when operating in California

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## Draft ATCM

- Vehicle shall not idle longer than 5 minutes at any location
- Buses (except school buses)
  - Subject to 5 minute idling limit when there are no passengers on board
  - May idle up to 10 minutes prior to passenger boarding
  - No idling restrictions when passengers are on board

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## Draft ATCM (Changes)

- **Within 100 feet** of any residential, planned community, neighborhood-commercial, or community-business zone or district
  - All idling restrictions apply
  - No queuing
  - No implementation delay for sleepers

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### Draft ATCM (Changes)

- **Sleepers:**
  - Idling restrictions during rest periods become effective Jan 1, 2009
  - Alternatives to provide power to sleeper berth currently available
  - Alternatives depend on age of truck and owner / operator preference

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### Draft ATCM (Changes)

#### Sleeper Options:

- No idling - as environmental conditions allow
- Off-board truck stop electrification, e.g. IdleAire
- On-board truck stop electrification, e.g. shore power
- Hotel
- APS
  - Certified APU: Level 3 PM device, or equivalent emissions
  - Electrification

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### Sleeper Options (cont.):

#### ARB considering:

- Main truck engine
  - Certified low idle emission engine (e.g. < 40 g/hour NOx for extended idling)
  - Level 3 PM device, or equivalent

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### Rescheduled Board Date

- New Board Date: July 22-23, 2004
- 45 day Public notice: June 2004
- Increased opportunity for public comment



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### *Thank you for participating!*

- Future Public Workshop:
  - May 2004, Sacramento, TBD
- Board Meeting: July 22-23, 2004
- Please Visit Our Website:
  - Join our listserve for email updates
  - Contact information
  - Future outreach efforts / updates



<http://www.arb.ca.gov/toxics/dilling/dilling.htm>  
<http://www.srb.ca.gov/toxics/dilling/dilling.htm>

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